



US Army Corps
of Engineers
Seattle District



Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 766-6438
Attn: Amy Klein, Project Manager

WA Department of Ecology
SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone (360) 407-6068
Attn: SEA Program, Federal Permit
Coordinator

Public Notice Date: April 21, 2008
Expiration Date: May 21, 2008

Reference No.: NWS-2008-0024-NO
Name: City of Kenmore (Log Boom
Park)

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: City of Kenmore Parks and Recreation
6700 Northeast 181st Street
Post Office Box 82607
Kenmore, Washington 98028

ATTN: Mr. Bill Evans
Telephone: (425) 398-8900

LOCATION: Lake Washington, at Log Boom Park, near Bothell Way Northeast and 61st Avenue Northeast (along the Burke-Gilman Trail), at Kenmore, King County, Washington. (Figures 1-2).

WORK:

Fill 0.34 acres of wetland to expand an existing <0.01 acre beach. Of the 0.34 acres, 0.03 acres will occur between water elevation 20 and 22 feet. Construction will include the removal of the top 3 feet of existing sand/silt/organic substrate. The removed material will be replaced with a 2-foot thick layer of sand over a layer of 1-foot thick layer of gravel. Along the toe of the slope, the beach will be composed of a 3-foot thick layer of 6-inch minus cobble/gravel mix. Soil removed from the beach expansion area will be disposed of at an upland facility or may be salvaged for use at the wetland mitigation site depending on suitability of the material, (Figure 6)

A concrete curb will be constructed along the western edges of the beach to limit the migration of sand and gravel into the adjoining wetland areas. A 15-foot wide ramp composed of pavers and aggregate will be constructed along the eastern edge of the beach area. The ramp will be designed to provide ADA access to the water's edge and will also allow for the launching and retrieval of hand-carried boats. Neither the concrete curb nor the aggregate ramp

area will extend waterward of Ordinary High Water. Pre-cast or natural stone pavers and gravel will be used for areas of the ramp located at or below the ordinary high water mark, (Figure 6).

Install a 700-foot long log boom to protect the beach and shoreline area from floating debris and reduce boater/swimmer conflicts. The log boom will consist of peeled conifer logs 15 feet long and 24 inches in diameter. The logs will be connected via galvanized steel chain. The log boom will be secured to the lake bottom using helical pull-down anchors installed below the mud line. Anchors will be placed about 100 feet along the log boom, (Figure 4).

Stabilize 90 feet of eroding shoreline. The shoreline will be reconstructed using a revetment of one-man rock and back-filled with gravel and quarry spalls. The toe of the revetment will be planted with live stakes and the existing displaced riprap will be removed from the shoreline. Rounded gravel will be placed along the face of the revetment at a slope not greater than 3:1 to provide a more natural slope and substrate to the existing shoreline, (Figure 5).

Install one 24-inch steel pile with a vibratory hammer for public art (an in-water water fountain/light). Light would be operated year-round (and shin upwards) while the fountain would operate from June-September. The public art would also require the installation of 565 feet of 2-inch HDPE pipe/conduit to provide municipal water and electricity to the art work. The pipe will be buried below the lake substrate and installed via trenching, (Figure 7).

Remove 33 of the 35 treated wood piling located near the end of the existing pier. A number of submerged piling within the extent of the log boom area will also be removed (quantity unknown). Two piling will be retained to provide nesting platforms. Piling holes will be backfilled with clean sand, (Figure 8).

See Mitigation section for additional project information.

PURPOSE: To provide recreation to the City of Kenmore.

MITIGATION: To compensate for the impacts of filling 0.34 acres of lake fringe wetland, the City proposes to establish (create) 1.09 acres and enhance 0.34 acres of wetland at Swamp Creek Park at the mouth of Swamp Creek, approx. one half mile east of the project location. They also propose to enhance 1.16 acres of upland forest (wetland buffer), (Figures 9-10).

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. After receipt of comments from this public notice, the U.S. Army Corps of Engineers will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. If the U.S. Army Corps of Engineers (Corps) determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no recorded historic properties within the permit area. The permit area has been so extensively modified by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property.

The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS - The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

EVALUATION—ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

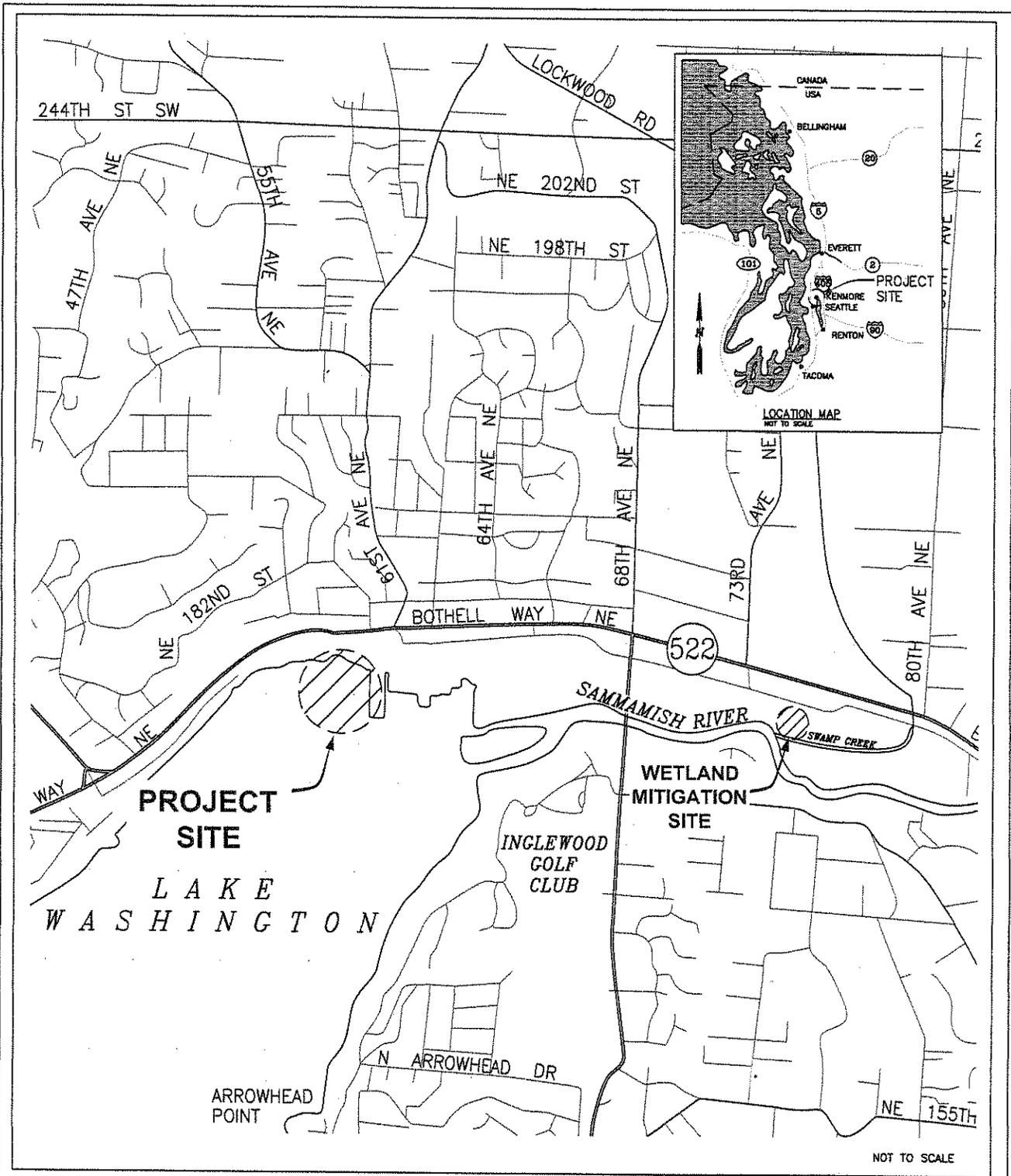
Corps comments: All e-mail comments should be sent to Amy.S.Klein@usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Amy Klein, Post Office Box 3755, Seattle, Washington, 98124-3755.

NWS-2008-0024-NO

Ecology Comments: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Department of Ecology, Attn: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington, 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: City of Kenmore (Log Boom Park), NWS-2008-0024-NO

Encl: Figures (11)



PURPOSE: PUBLIC ACCESS AND RECREATION

DATUM: SEE SHEET

LOCATION:
122°15'50"W 47°45'44"N

REFERENCE:
NWS-2008-0024-ND

VICINITY MAP

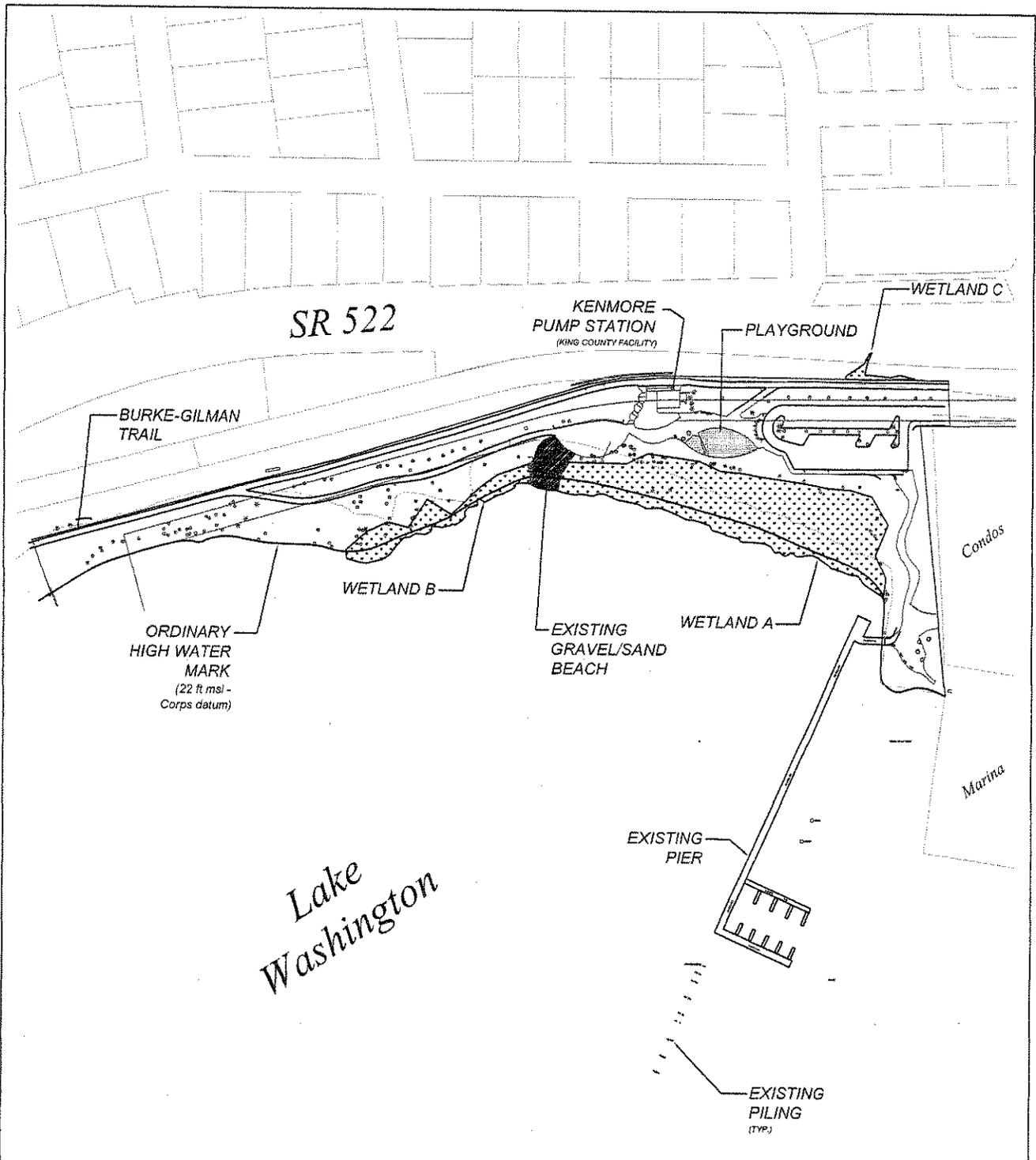
APPLICANT:
CITY OF KENMORE
6700 NE 181st St
PO Box 82607,
KENMORE, WA 98028

PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS

COUNTY: KING STATE: WA

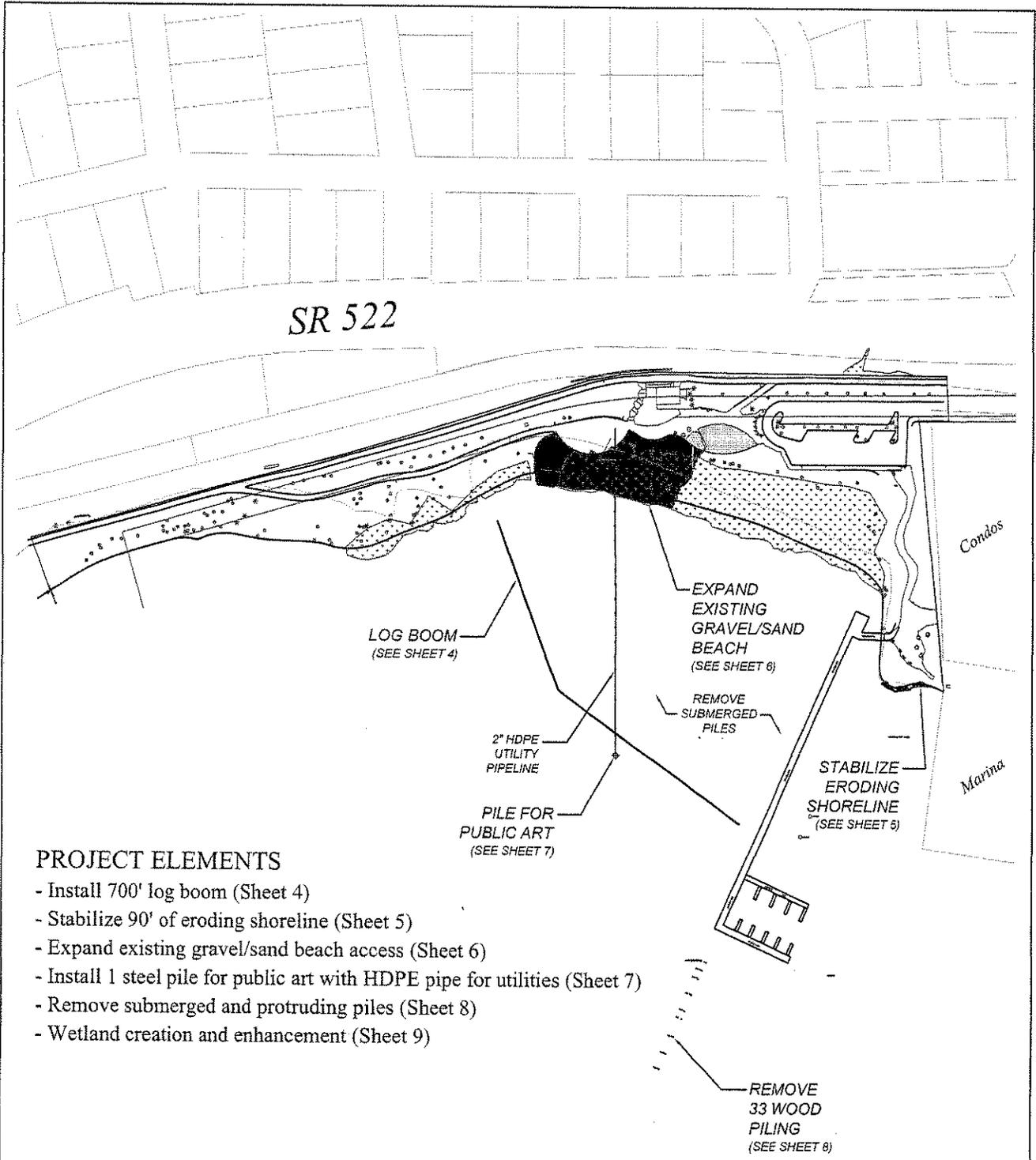
SHEET 1 OF 11

DATE: DECEMBER 14, 2007



DATUM: Lake Washington-Corps of Engineers

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> <p>DATUM: SEE SHEET</p> <p>LOCATION: 122°15'50"W 47°45'44"N</p> <p>REFERENCE: NWS-2008-24-NB</p> | <p>EXISTING CONDITIONS</p> <p>APPLICANT: CITY OF KENMORE 6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> <p>COUNTY: KING STATE: WA</p> <p>SHEET 2 OF 11</p> <p>DATE: DECEMBER 14, 2007</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

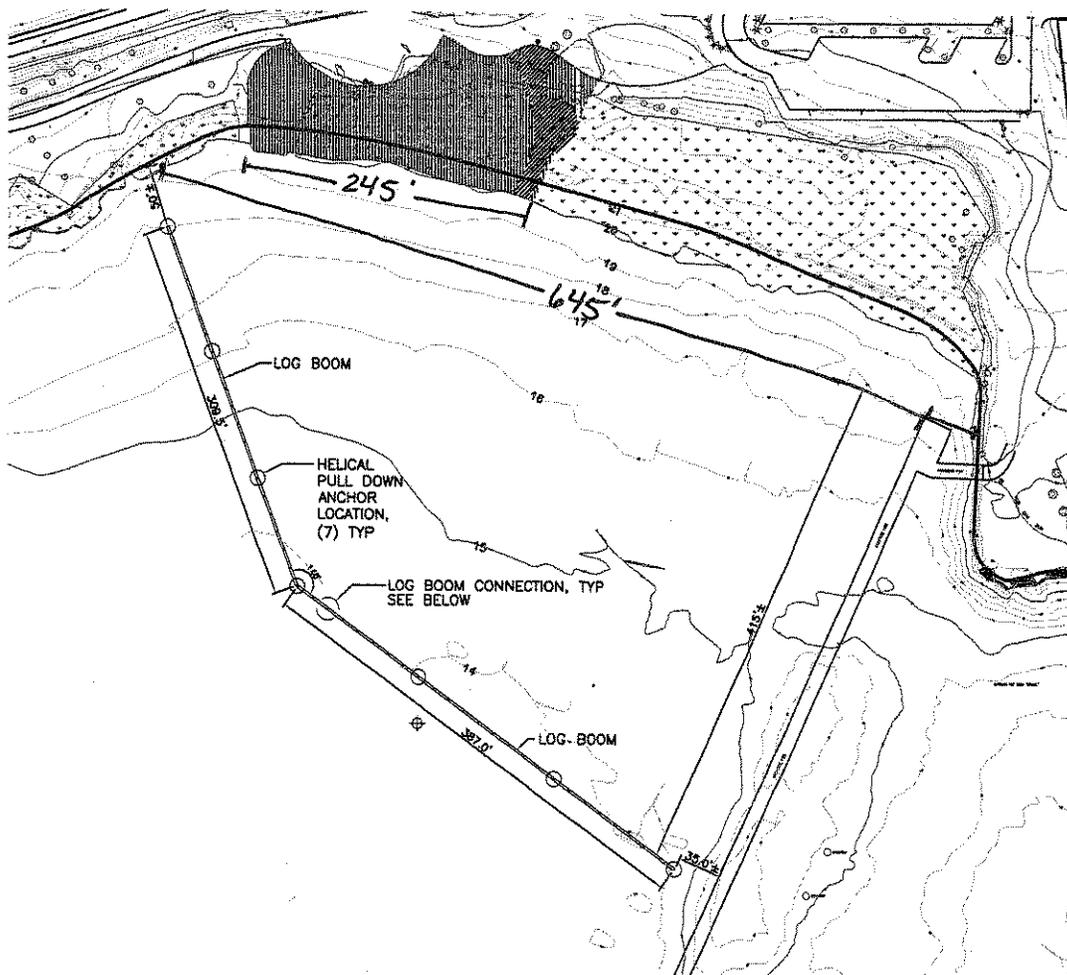


PROJECT ELEMENTS

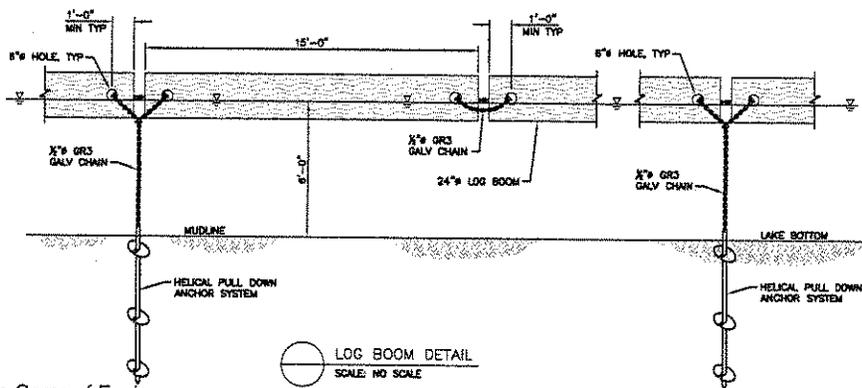
- Install 700' log boom (Sheet 4)
- Stabilize 90' of eroding shoreline (Sheet 5)
- Expand existing gravel/sand beach access (Sheet 6)
- Install 1 steel pile for public art with HDPE pipe for utilities (Sheet 7)
- Remove submerged and protruding piles (Sheet 8)
- Wetland creation and enhancement (Sheet 9)

DATUM: Lake Washington-Corps of Engineers

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> <p>DATUM: SEE SHEET</p> <p>LOCATION: 122°15'50"W 47°45'44"N</p> <p>REFERENCE: NWS-2008-24-ND</p> | <p>PROJECT OVERVIEW</p> <p>APPLICANT: CITY OF KENMORE 6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> <p>COUNTY: KING STATE: WA</p> <p>SHEET 3 OF 11</p> <p>DATE: DECEMBER 14, 2007</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|



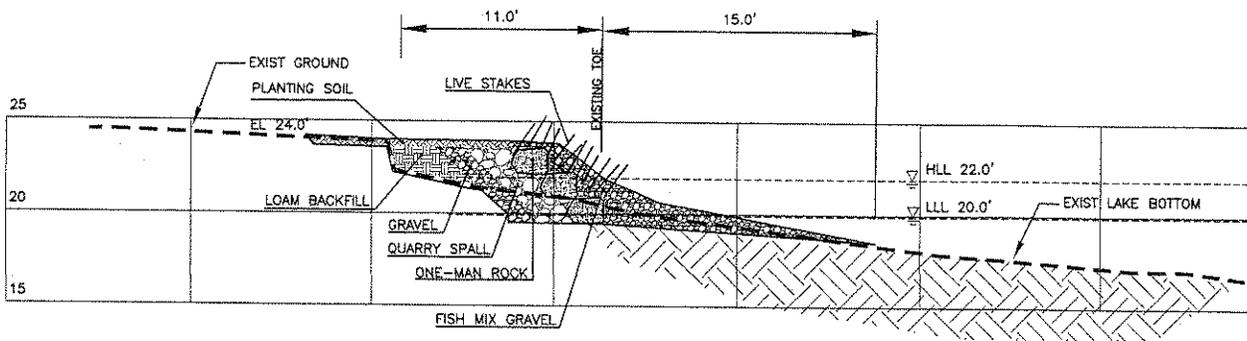
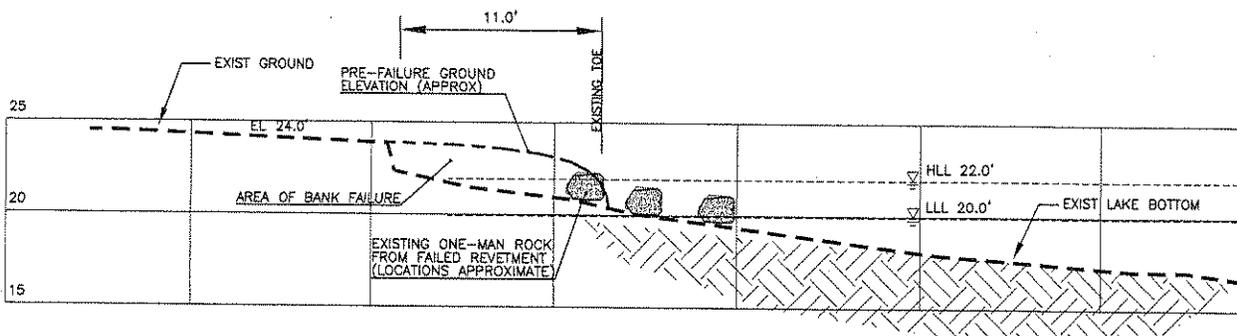
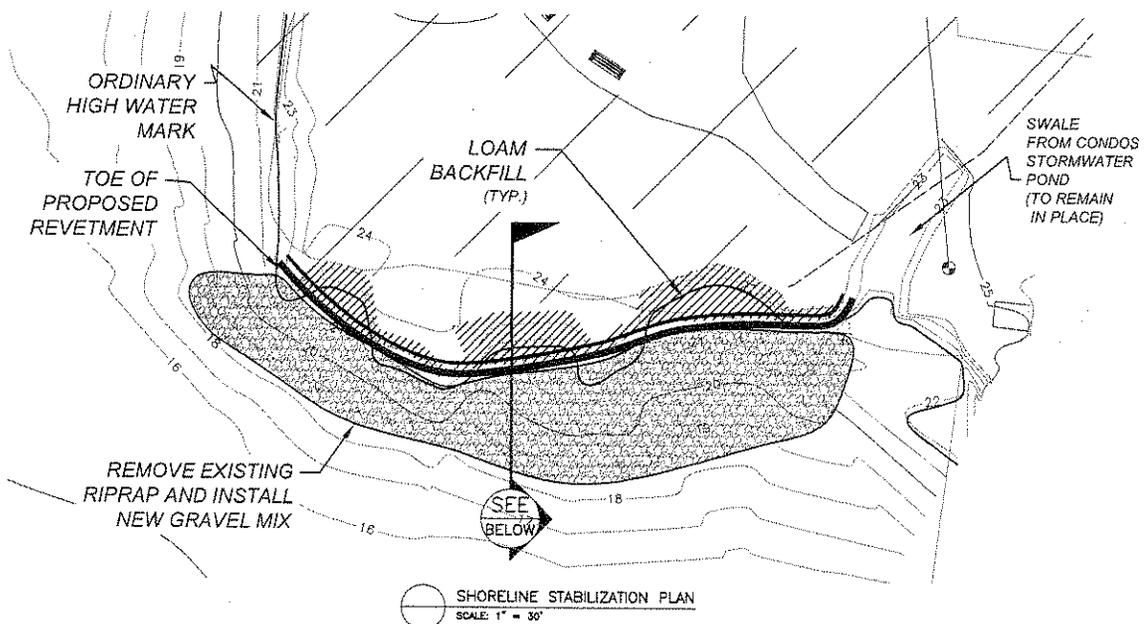
LOG BOOM PLAN
SCALE: 1" = 150'



LOG BOOM DETAIL
SCALE: NO SCALE

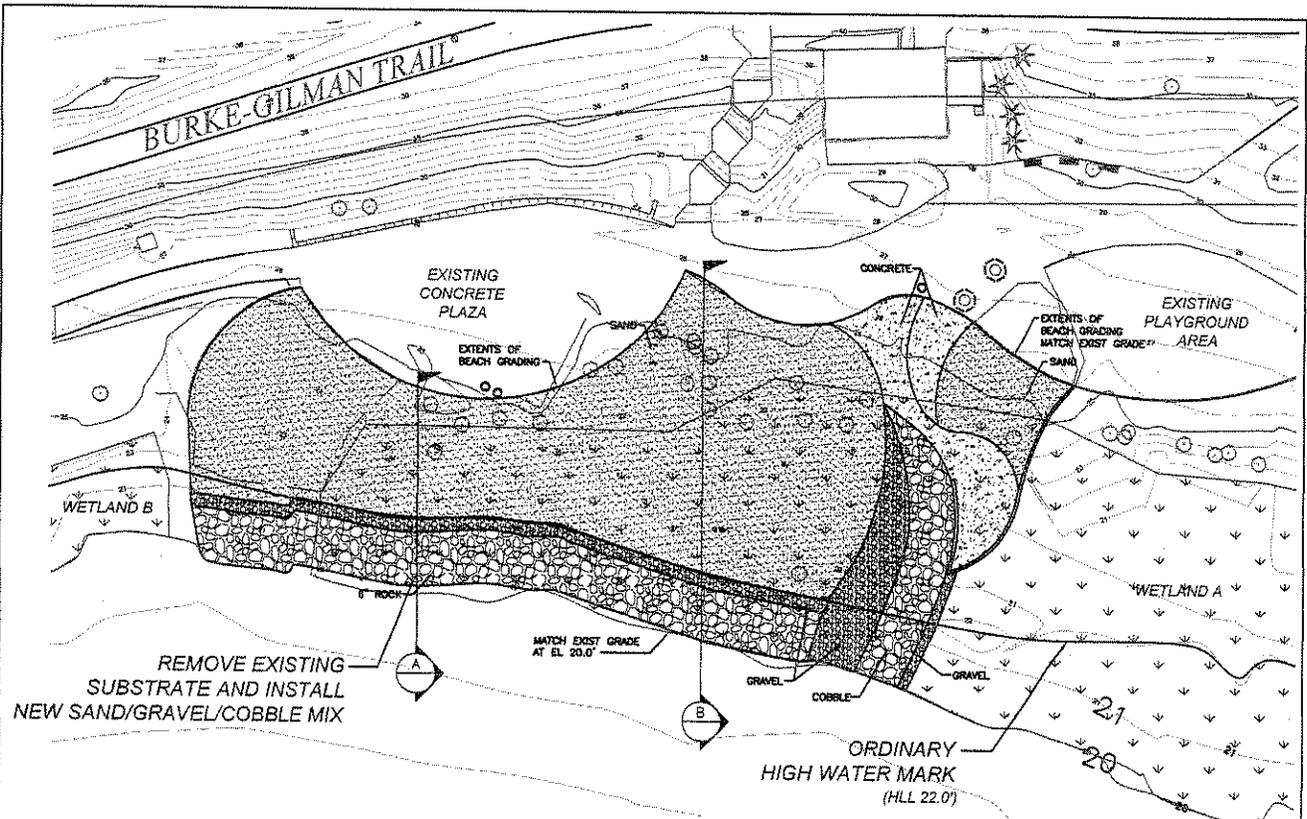
DATUM: Lake Washington-Corps of Engineers

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> <p>DATUM: SEE SHEET</p> <p>LOCATION: 122°15'50"W 47°45'44"N</p> <p>REFERENCE: NWS-2008-24ND</p> | <p>LOG BOOM</p> <p>APPLICANT: CITY OF KENMORE 6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> <p>COUNTY: KING STATE: WA</p> <p>SHEET 4 OF 11</p> <p>DATE: DECEMBER 14, 2007</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

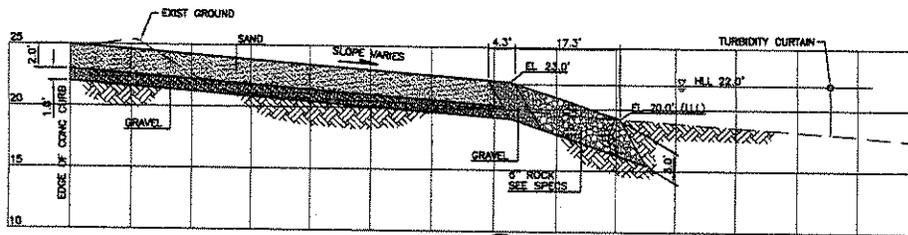


DATUM: Lake Washington-Corps of Engineers

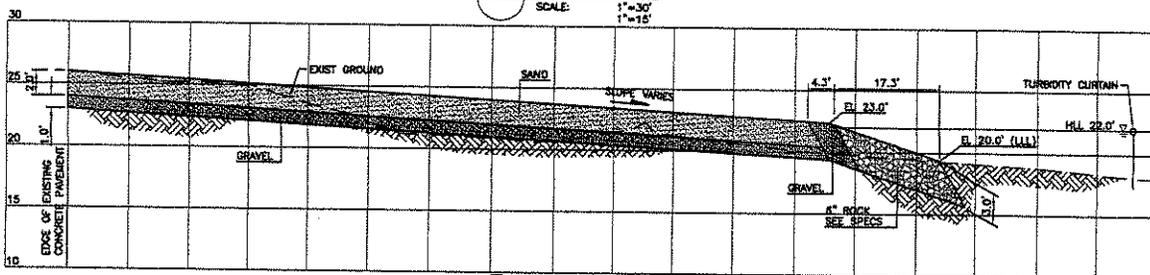
| | | |
|----------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> | <p>SHORELINE STABILIZATION</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> |
| <p>DATUM: SEE SHEET</p> | <p>APPLICANT: CITY OF KENMORE</p> | <p>COUNTY: KING STATE: WA</p> |
| <p>LOCATION: 122°15'50"W 47°45'44"N</p> | <p>6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>SHEET 5 OF 11</p> |
| <p>REFERENCE: NWS-2008-24-ND</p> | | <p>DATE: DECEMBER 14, 2007</p> |



BEACH EXPANSION
SCALE: 1" = 60'



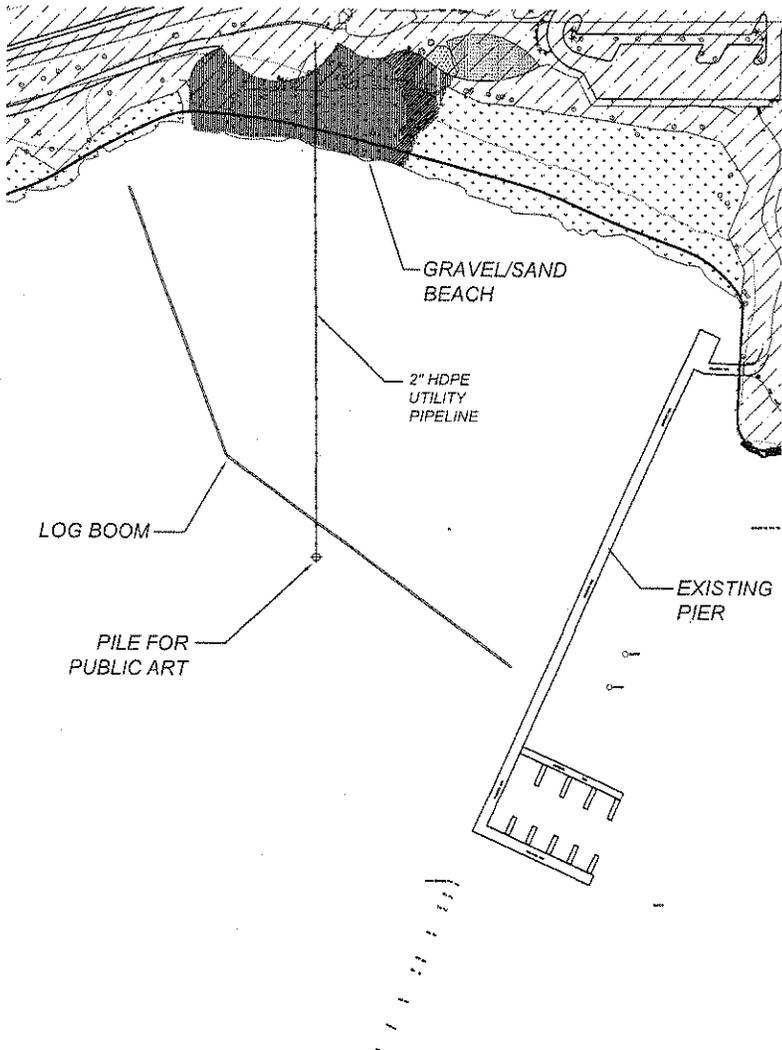
A SECTION



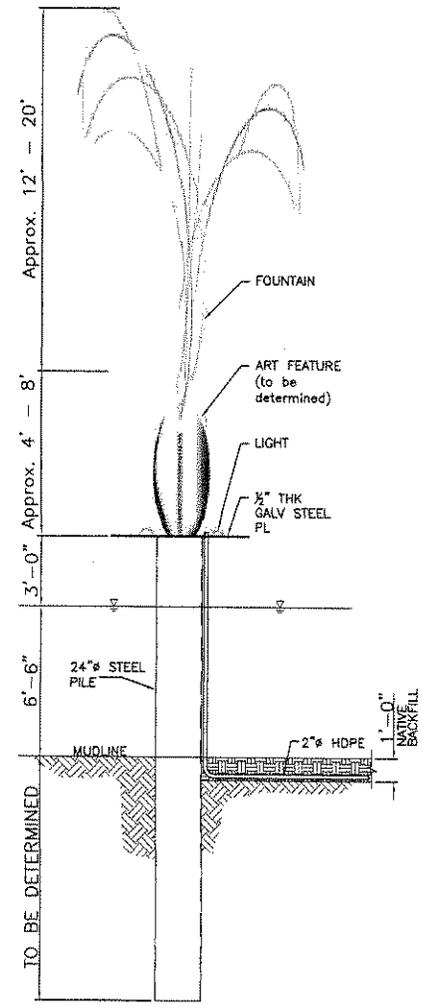
B SECTION

DATUM: Lake Washington-Corps of Engineers

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> <p>DATUM: SEE SHEET</p> <p>LOCATION: 122°15'50"W 47°45'44"N</p> <p>REFERENCE: NWS-2008-24-N50</p> | <p>BEACH EXPANSION</p> <p>APPLICANT: CITY OF KENMORE</p> <p>6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> <p>COUNTY: KING STATE: WA</p> <p>SHEET 6 OF 11</p> <p>DATE: DECEMBER 14, 2007</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|




 PUBLIC ART PLAN
 NTS



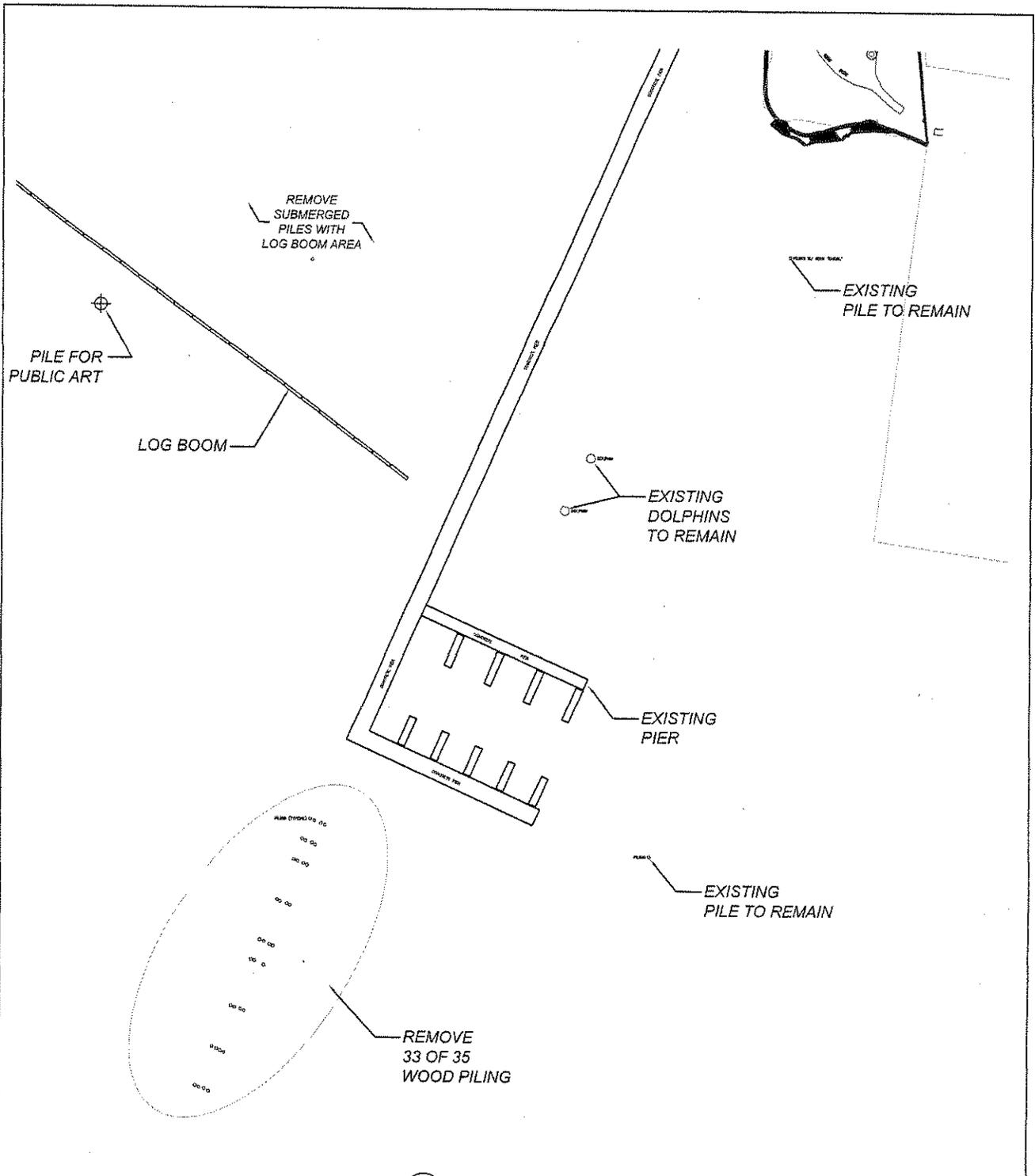

 PUBLIC ART SECTION
 NO SCALE

DATUM: Lake Washington-Corps of Engineers

PURPOSE: PUBLIC ACCESS AND RECREATION
 DATUM: SEE SHEET
 LOCATION:
 122°15'50"W 47°45'44"N
 REFERENCE:
 NWS-2008-24-NJ

PUBLIC ART
 APPLICANT:
 CITY OF KENMORE
 6700 NE 181st ST
 PO Box 82607,
 KENMORE, WA 98028

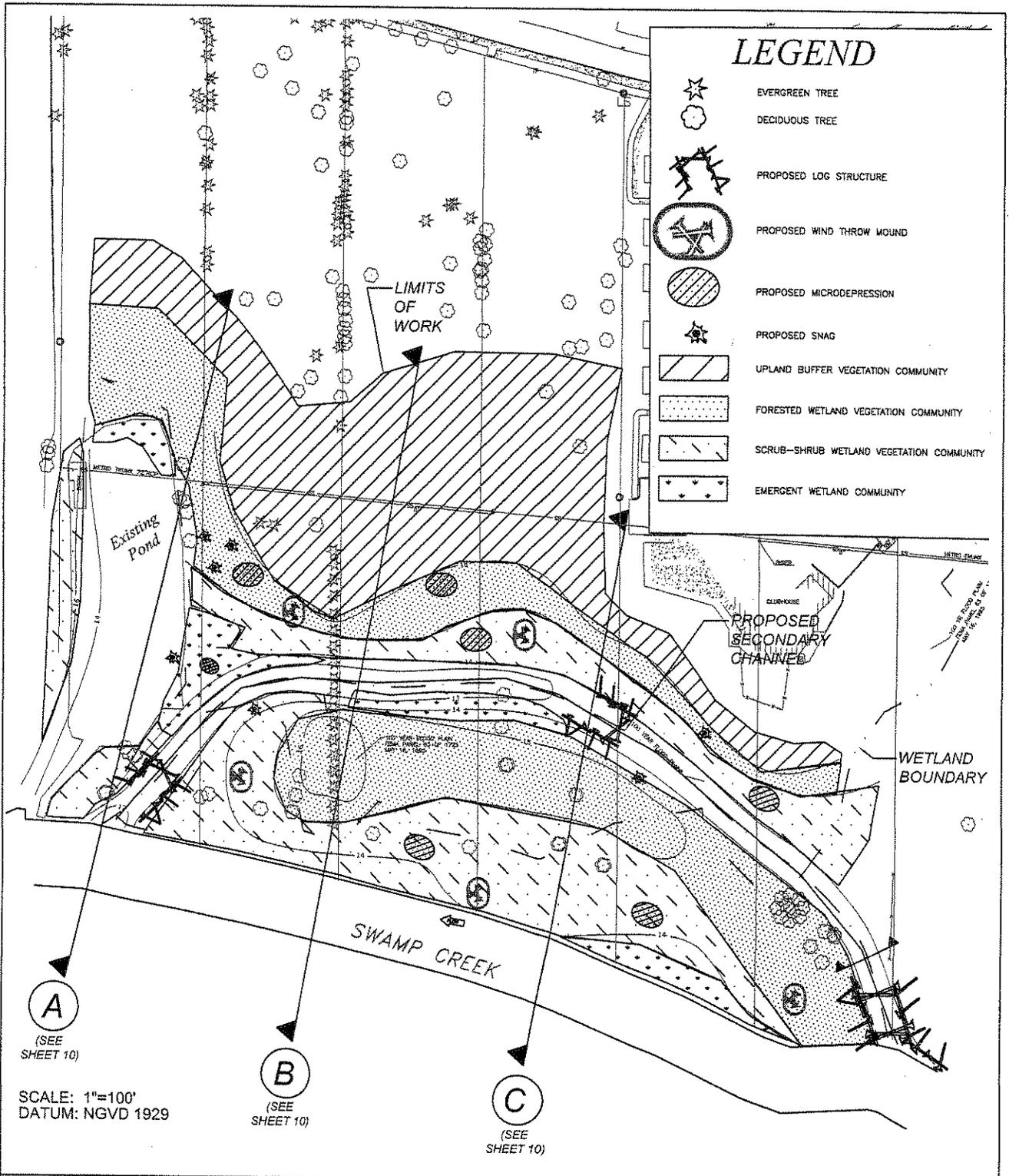
PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS
 COUNTY: KING STATE: WA
 SHEET 7 OF 11
 DATE: DECEMBER 14, 2007



DATUM: Lake Washington-Corps of Engineers


 PILE REMOVAL PLAN
 NO SCALE

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PURPOSE: PUBLIC ACCESS AND RECREATION</p> <p>DATUM: SEE SHEET</p> <p>LOCATION: 122°15'50"W 47°45'44"N</p> <p>REFERENCE: <i>NWS-2008-24-ND</i></p> | <p>PILE REMOVAL</p> <p>APPLICANT: CITY OF KENMORE 6700 NE 181st ST PO Box 82607, KENMORE, WA 98028</p> | <p>PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS</p> <p>COUNTY: KING STATE: WA</p> <p>SHEET 8 OF 11</p> <p>DATE: DECEMBER 14, 2007</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|



PURPOSE: PUBLIC ACCESS AND RECREATION

DATUM: SEE SHEET

LOCATION:
122°14'15"W 47°45'14"N

REFERENCE:
NWS-2008-24-ND

MITIGATION SITE PLAN

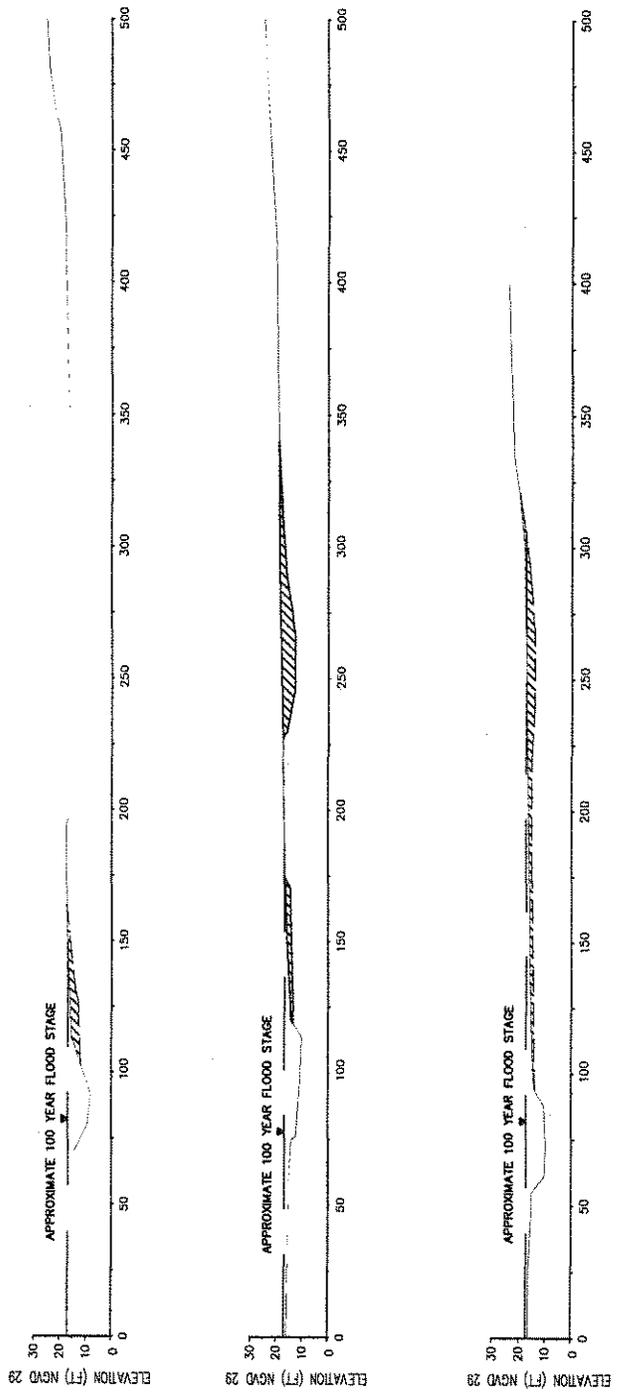
APPLICANT:
CITY OF KENMORE
6700 NE 181st ST
PO Box 82607,
KENMORE, WA 98028

PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS

COUNTY: KING STATE: WA

SHEET 9 OF 11

DATE: DECEMBER 14, 2007



SCALE: 1"=70'
 DATUM: NGVD 1929

PURPOSE: PUBLIC ACCESS AND RECREATION

DATUM: SEE SHEET

LOCATION:
 122°14'15"W 47°45'14"N

REFERENCE:
 NWS-2008-28-15D

MITIGATION SITE SECTIONS

APPLICANT:
 CITY OF KENMORE
 6700 NE 181st ST
 PO Box 82607,
 KENMORE, WA 98028

PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS

COUNTY: KING STATE: WA

SHEET 10 OF 11

DATE: DECEMBER 14, 2007

Table 1: Summary of Project Elements

| Project Element | Purpose | Length/Area | Length/Area in Waters of the US | Fill in Wetlands | Fill in other Waters of the US | Fill Material | Note |
|------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Log boom | to protect the beach and shoreline area from floating debris and reduce boater/swimmer conflicts | 700 lf | 700 lf | none | none | n/a | Log boom will be secured using ~7 helical anchors. No fill is required. |
| Shoreline stabilization | to stabilize eroding shoreline east of the existing pier | 90 lf | 90 lf | none | 40 cu for stabilization 290 cy total including gravel | one-run rock, barm topsoil, beach gravel mix | Gravel will be placed waterward of the revetment to construct beach with more natural slope/substrate. Revetment will require an average of 0.45 cy of rock fill per linear foot of revetment. |
| Expanding gravel/sand beach access | to expand the existing gravel/sand beach for public access to shoreline | 0.69 acre | 0.37 acre 240 lf of shoreline | 0.34 acre (1,650 cy) | 0.03 acre 145 cubic yards | sand, gravel, and cobble poured-in-place concrete | Beach expansion includes a concrete ramp for ADA access/hand carried boat launch. No poured-in-place concrete will be placed below the ordinary high water mark. |
| Public Art | to provide utilities for a public art installation | 1 new steel pile 2' HDPE for utilities | 4 sf (1 pile) 565 lf | none for pile trench area included in beach expansion | 45 cy (trench backfill) | native substrate | Fill is native material replaced in trench. Original contours to be retained. |
| File removal | to reduce hazards to navigation and the safety of water users | 33 protruding piles and additional submerged piles | n/a | none | 10 cy | clean sand | Fill material is clean sand to fill holes left from pile removal to match existing lake bottom substrate |
| Wetland/Habitat Mitigation | to compensate for wetland impacts resulting from the beach expansion | 1.89 acres of wetland creation 0.34 acre of wetland enhancement | 1.43 acres | 3,600 cy temporary | 500 cy permanent | native soil/substrate | Temporary fill is due to distribution of existing soil on the site necessary to construct the proposed mitigation plan. Permanent fill is native soil in existing pond to lessen side slopes of edge. It will not convert area to upland. Total cut in 100 year |

PURPOSE: PUBLIC ACCESS AND RECREATION

DATUM: SEE SHEET

LOCATION:

122°14'15"W 47°45'14"N

REFERENCE:

NWS-2008-28-ND

PROJECT SUMMARY

APPLICANT:
CITY OF KENMORE
6700 NE 181st ST
PO Box 82607,
KENMORE, WA 98028

PROPOSED: LOG BOOM PARK BEACH AND WATERFRONT IMPROVEMENTS

COUNTY: KING STATE: WA

SHEET 11 OF 11

DATE: DECEMBER 14, 2007